

WHAT IS CLAIMED IS:

1 1. A mobile-terminal platform assembly comprising:
2 a software services component comprising at least one functional software unit;
3 a hardware component comprising at least one hardware unit associated with the at
4 least one functional software unit; and
5 an interface component comprising at least one software interface, the interface
6 component being adapted to provide access by mobile-terminal application software to the
7 software services component and the hardware component during testing of the mobile
8 terminal and during a lifecycle of the mobile terminal.

1 2. The mobile-terminal platform assembly of claim 1, wherein the mobile-
2 terminal application software comprises software for testing the mobile terminal during
3 production of the mobile terminal.

1 3. The mobile-terminal platform assembly of claim 1, wherein the mobile-
2 terminal application software comprises software for testing the mobile terminal during
3 servicing of the mobile terminal during the lifecycle of the mobile terminal.

1 4. The mobile-terminal platform assembly of claim 1, wherein the interface
2 component comprises a middleware services layer.

1 5. The mobile-terminal platform assembly of claim 2, wherein a code space
2 occupied by the software for testing the mobile terminal during production of the mobile
3 terminal may be overwritten after the testing of the mobile terminal during production has
4 been completed.

1 6. The mobile-terminal platform assembly of claim 2, wherein the mobile-
2 terminal application software comprises software for use during servicing of the mobile-
3 terminal during the lifecycle of the mobile terminal.

1 7. The mobile-terminal platform assembly of claim 6, further comprising the
2 mobile-terminal application software.

1 8. The mobile-terminal platform assembly of claim 1, further comprising the
2 mobile-terminal application software, wherein the mobile-terminal application software
3 comprises software for testing the mobile terminal during servicing of the mobile terminal
4 during the lifecycle of the mobile terminal.

1 9. The mobile-terminal platform assembly of claim 1, wherein the hardware
2 component interfaces with a factory test system, the factory test system being adapted to
3 control the software for testing the mobile terminal during production of the mobile terminal.

1 10. The mobile-terminal platform assembly of claim 1, wherein the hardware
2 component interfaces with a factory test system, the factory test system being adapted to
3 control the software for testing the mobile terminal during servicing of the mobile terminal
4 during the lifecycle of the mobile terminal.

1 11. The mobile-terminal platform assembly of claim 1, wherein the mobile
2 terminal is for use in a wireless telecommunication system.

1 12. A method of testing a mobile terminal, the method comprising:
2 interoperably connecting the mobile terminal to a test system;
3 wherein the mobile terminal comprises an interface component;
4 wherein the interface component comprises at least one software interface;
5 providing, via the interface component, of access by mobile-terminal-test application
6 software to software and hardware of the mobile terminal during testing of the mobile
7 terminal;
8 the test system controlling the mobile-terminal-test application software via an
9 external interface during the testing of the mobile terminal; and
10 retaining the interface component, the hardware, and the software on the mobile
11 terminal.

1 13. The method of claim 12, wherein the mobile terminal is for use in a wireless
2 telecommunication system.

1 14. The method of claim 12, further comprising deleting the mobile-terminal-test-
2 application software from the mobile terminal after the testing of the mobile terminal has
3 been completed.

1 15. The method of claim 12, wherein the mobile terminal is provided to a
2 customer with the mobile-terminal-test-application software retained on the mobile terminal,
3 the mobile-terminal-test-application software being inaccessible to end users of the mobile
4 terminal.

1 16. The method of claim 12, further comprising:
2 following the testing of the mobile terminal, providing the mobile terminal to a
3 customer; and
4 following the step of providing, deleting the mobile-terminal-test-application software
5 from the mobile terminal.

1 17. The method of claim 14 or claim 16, further comprising adding application
2 software in a code space previously occupied, at least in part, by the deleted mobile-terminal-
3 test-application software.

1 18. The method of claim 12, wherein the mobile-terminal application software
2 comprises software for testing the mobile terminal during production of the mobile terminal.

1 19. The method of claim 12, wherein the mobile-terminal application software
2 comprises software for testing the mobile terminal during servicing of the mobile terminal
3 during the lifecycle of the mobile terminal.